



Form PTO-1449 (modified)

**List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Atty. Docket No.  
UTXC:561USC1

Serial No.  
10/673,671

Applicant  
K. Jagannadha Sastry *et al.*

Filing Date:  
September 29, 2003

Group: 1648  
Unknown

| U.S. Patent Documents<br><i>See Page 1</i> | Foreign Patent Documents<br><i>See Page 2</i> | Other Art<br><i>See Page 2</i> |
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**U.S. Patent Documents**

| Exam. Init. | Ref. Des. | Document Number | Date     | Name                    | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|----------|-------------------------|-------|-----------|---------------------|
| JS          | A1        | 3,791,932       | 2/12/74  | Schuurs <i>et al.</i>   | 195   | 103.5R    | 1/27/72             |
|             | A2        | 3,949,064       | 4/6/76   | Bornstein <i>et al.</i> | 424   | 1         | 10/26/73            |
|             | A3        | 4,174,384       | 11/13/79 | Ullman <i>et al.</i>    | 424   | 8         | 10/12/76            |
|             | A4        | 4,367,110       | 1/4/83   | Yoshikawa               | 156   | 219       | 6/27/80             |
|             | A5        | 4,452,901       | 6/5/84   | Gordon <i>et al.</i>    | 436   | 506       | 3/18/80             |
|             | A6        | 4,554,101       | 11/19/85 | Hopp                    | 260   | 112.5R    | 1/28/83             |
|             | A7        | 4,578,770       | 3/25/86  | Mitani                  | 364   | 571       | 6/10/83             |
|             | A8        | 4,596,792       | 6/24/86  | Vyas                    | 514   | 21        | 3/30/84             |
|             | A9        | 4,599,230       | 7/8/86   | Milich <i>et al.</i>    | 424   | 89        | 3/9/84              |
|             | A10       | 4,601,903       | 7/22/86  | Frasch                  | 424   | 92        | 5/1/85              |
|             | A11       | 4,608,251       | 8/26/86  | Mia                     | 424   | 85        | 11/9/84             |
|             | A12       | 4,683,195       | 7/28/87  | Mullis <i>et al.</i>    | 435   | 6         | 2/7/86              |
|             | A13       | 4,683,202       | 11/27/90 | Mullis                  | 435   | 91        | 10/25/85            |
|             | A14       | 4,690,915       | 9/1/87   | Rosenburg               | 514   | 2         | 8/8/85              |
|             | A15       | 4,797,368       | 1/10/89  | Carter <i>et al.</i>    | 435   | 320       | 3/15/85             |
|             | A16       | 4,800,159       | 1/24/89  | Mullis <i>et al.</i>    | 435   | 172.3     | 12/17/86            |
|             | A17       | 4,883,750       | 11/28/89 | Whiteley <i>et al.</i>  | 435   | 6         | 12/13/84            |
|             | A18       | 4,942,628       | 7/24/90  | Rosen <i>et al.</i>     | 530   | 326       | 6/13/88             |
|             | A19       | 5,028,592       | 7/2/91   | Lipton                  | 514   | 18        | 8/5/88              |
|             | A20       | 5,128,319       | 7/7/92   | Arlinghaus              | 514   | 12        | 9/20/89             |
|             | A21       | 5,139,941       | 8/18/92  | Muzyczka <i>et al.</i>  | 435   | 172.3     | 10/25/91            |
|             | A22       | 5,142,025       | 8/25/92  | Putney <i>et al.</i>    | 530   | 350       | 9/24/90             |

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| EXAMINER: | /Jeffrey Stucker/ | DATE CONSIDERED: | 06/15/2006 |
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## U.S. Patent Documents

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## Foreign Patent Documents

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## Other Art

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## U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date    | Name                   | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|---------|------------------------|-------|-----------|---------------------|
| JS          | A23       | 5,199,942       | 4/6/93  | Gillis                 | 604   | 4         | 9/26/91             |
|             | A24       | 5,221,605       | 6/22/93 | Bard <i>et al.</i>     | 435   | 4         | 10/30/90            |
|             | A25       | 5,238,808       | 8/24/93 | Bard <i>et al.</i>     | 435   | 4         | 10/24/85            |
|             | A26       | 5,279,721       | 1/18/94 | Schmid                 | 204   | 182.8     | 4/22/93             |
|             | A27       | 5,310,687       | 5/10/94 | Bard <i>et al.</i>     | 436   | 518       | 11/4/91             |
|             | A28       | 5,620,896       | 4/15/97 | Herrmann <i>et al.</i> | 435   | 320.1     | 4/20/95             |
|             | A29       | 5,780,036       | 7/14/98 | Chisari                | 424   | 189.1     | 4/4/95              |
|             | A30       | 5,958,895       | 9/28/99 | Pachuk <i>et al.</i>   | 514   | 44        | 10/23/97            |
|             | A31       | 6,210,873       | 4/3/01  | Sastry <i>et al.</i>   | 435   | 5         | 12/2/91             |
|             | A32       | 6,271,198       | 8-7-01  | Braisted <i>et al.</i> | 514   | 2         | 5-5-97              |

## Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date     | Country       | Class | Sub Class | Translation Yes/No |
|-------------|-----------|-----------------|----------|---------------|-------|-----------|--------------------|
| JS          | B1        | 320308          | 6/14/89  | Europe        |       |           |                    |
|             | B2        | 329822          | 8/30/89  | Europe        |       |           |                    |
|             | B3        | 2202328         | 9/21/88  | Great Britain |       |           |                    |
|             | B4        | WO 88/10315     | 12/29/88 | PCT           |       |           |                    |
|             | B5        | WO 89/06700     | 7/27/89  | PCT           |       |           |                    |
|             | B6        | WO 90/07641     | 7/12/90  | PCT           |       |           |                    |
|             | B7        | WO 93/10816     | 6/10/93  | PCT           |       |           |                    |
|             | B8        | WO 93/19775     | 10/14/93 | PCT           |       |           |                    |
|             | B9        | WO 96/33734     | 10/31/96 | PCT           |       |           |                    |

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| <b>O-1 P</b><br><b>Patent &amp; Trademark Office</b><br><b>Information Disclosure Statement</b><br><b>NOV 28 2003</b><br><b>(Use several sheets if necessary)</b> |  | <b>Applicant</b><br><b>K. Jagannadha Sastry et al.</b> |                                       |
| <b>U.S. Patent Documents</b><br><i>See Page 1</i>   |  | <b>Foreign Patent Documents</b><br><i>See Page 2</i>   | <b>Other Art</b><br><i>See Page 2</i> |

### Foreign Patent Documents

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|-------------|-----------|-----------------|---------|---------|-------|-----------|--------------------|
| JS          | B10       | 0 267 802       | 5/18/88 | Europe  |       |           |                    |
|             | B11       | 0 273 716       | 7/6/88  | Europe  |       |           |                    |
|             | B12       | 0 284 587       | 9/28/88 | Europe  |       |           |                    |
|             | B13       | WO 89/03844     | 5/5/89  | PCT     |       |           |                    |
|             | B14       | WO 89/07112     | 8/10/89 | PCT     |       |           |                    |
|             | B15       | WO 93/10816     | 6/10/93 | PCT     |       |           |                    |

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation  |
|-------------|-----------|---|
| JS          | C1        | Agren <i>et al.</i> , "Genetically engineered nontoxic vaccine adjuvant that combines B cell targeting with immunomodulation by cholera toxin A1 subunit," <i>J. Immunol.</i> 158:3936-3946, 1997.  |
|             | C2        | Aichele <i>et al.</i> , "Antiviral cytotoxic T cell response induced by in vivo priming with a free synthetic peptide," <i>J. Exp. Med.</i> , 171:1815-1820, 1990.  |
|             | C3        | Altman <i>et al.</i> , "Phenotypic analysis of antigen-specific T lymphocytes," <i>Science</i> , 274:94-96, 1996.   |
|             | C4        | An and Whittton, "A multivalent minigene vaccine, containing B-cell, cytotoxic T-lymphocyte, and T <sub>b</sub> epitopes from several microbes, induces appropriate responses in vivo and confers protection against more than one pathogen," <i>J. Virol.</i> , 71(3):2292-2302, 1997. |
|             | C5        | Barry <i>et al.</i> , "Protection against mycoplasma infection using expression-library immunization," <i>Nature</i> , 377:632-635, 1995.   |
|             | C6        | Berzofsky, "Development of artificial vaccines against HIV using defined epitopes," <i>FASEB J.</i> , 5:2412-2418, 1991.  |
|             | C7        | Bevan, "Stimulating killer cells," <i>Nature</i> , 342:478-479, 1989.   |
|             | C8        | Bogedain <i>et al.</i> , "Specific cytotoxic T lymphocytes recognize the immediate-early transactivator ZTA of Epstein-Barr virus," <i>J. Virol.</i> , 69(8):4872-4879, 1995.   |

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| Exam. Init. | Ref. Des. | Citation  |
|-------------|-----------|---|
| JS          | C9        | Boyson <i>et al.</i> , "The MHC class I genes of the rhesus monkey," <i>J. Immunol.</i> 156:4656-4665, 1996.  |
|             | C10       | Braciale <i>et al.</i> , "Antigen presentation pathways to class I and class II MHC-restricted T lymphocytes," <i>Immunol. Rev.</i> , 98:95-114, 1987.  |
|             | C11       | Carmichael <i>et al.</i> , "Quantitative analysis of the human immunodeficiency virus Type I (HIV-1)-specific cytotoxic T lymphocyte (CTL) response at different stages of HIV-1 infection: differential CTL responses to HIV-1 and Epstein-Barr virus in late disease," <i>J. Exp. Med.</i> , 177:249-256, 1993. |
|             | C12       | Casement <i>et al.</i> , "Cross-reactive cytotoxic T lymphocytes induced by V3 loop synthetic peptides from different strains of human immunodeficiency virus type I," <i>Virology</i> , 211(1):261-67, 1995.   |
|             | C13       | Chopra <i>et al.</i> , "Cloning and expression of putative cytotoxic enterotoxin-encoding genes from <i>Aeromonas hydrophila</i> ," <i>Gene</i> 139:87-91, 1994.  |
|             | C14       | Chopra <i>et al.</i> , Molecular and biochemical characterization of a heat-labile cytotoxic enterotoxin from <i>Aeromonas hydrophila</i> ," <i>Microbial Path.</i> 21:357-377, 1996.   |
|             | C15       | Ciernik <i>et al.</i> , "Induction of cytotoxic T lymphocytes and antitumor immunity with DNA vaccines expressing single T cell epitopes," <i>J. Immunol.</i> , 156:2369-2375, 1996.  |
|             | C16       | Clerget-Raslain <i>et al.</i> , "Specificity of anti-peptide antibodies elicited against synthetic peptides mimicking conserved regions of HIV1 envelope glycoprotein," <i>Res. Virol.</i> , 142:423-438, 1991.   |
|             | C17       | Dadaglio <i>et al.</i> , "Epitope recognition of conserved HIV envelope sequences by human cytotoxic T lymphocytes," <i>J. Immunol.</i> , 147:2302-2309, 1991.  |
|             | C18       | Dai <i>et al.</i> , "Mutation of human immunodeficiency virus type 1 at amino acid 585 on gp41 results in loss of killing by CD8 <sup>+</sup> A24-restricted cytotoxic T lymphocytes," <i>J. Virol.</i> , 66:3151-3154, 1992.   |
|             | C19       | De Rossi <i>et al.</i> , "Synthetic peptides from the principal neutralizing domain of human immunodeficiency virus type 1 (HIV-1) enhance HIV-1 infection through a CD4-dependent mechanism," <i>Virology</i> , 184:187-196, 1991.   |

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| Applicant                                  |   | K. Jagannadha Sastry <i>et al.</i> |                          |
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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

| Exam.<br>Init. | Ref.<br>Des. | Citation  |
|----------------|--------------|---|
| JS             | C20          | Del Guercio <i>et al.</i> , "Potent immunogenic short linear peptide constructs composed of B cell epitopes and Pan DR T helper epitopes (PADRE) for antibody responses <i>in vivo</i> ," <i>Vaccine</i> 15:441-448, 1997.                                  |
|                | C21          | Deres <i>et al.</i> , " <i>In vivo</i> priming of virus specific cytotoxic T lymphocytes with synthetic lipopeptide vaccine," <i>Nature</i> , 342:561-564, 1989.  |
|                | C22          | Dupuis <i>et al.</i> , "Characterization of HLA-A*0201-restricted cytotoxic T cell epitopes in conserved regions of the HIV type 1 gp160 protein," <i>J. Immunol.</i> , 155:2232-2239, 1995.  |
|                | C23          | Falk <i>et al.</i> , "Allele-specific peptide ligand motifs of HLA-C molecules," <i>Proc. Nat'l Acad. Sci. USA</i> , 90:12005-12009, 1993.  |
|                | C24          | <del>Falk <i>et al.</i>, "Allele-specific peptide ligand motifs of HLA-C molecules," <i>Proc. Nat'l Acad. Sci. USA</i>, 90:12005-12009, 1993.</del> Duplicate of C23  |
| JS             | C25          | Falk <i>et al.</i> , "Expression of HLA-C molecules confers target cell resistance to some non-major histocompatibility complex-restricted T cells in a manner analogous to allo-specific natural killer cells," <i>J. Exp. Med.</i> , 182:1005-1018, 1995. |
|                | C26          | Ferguson <i>et al.</i> , "Amino-acid residues involved in biological functions of the cytolytic enterotoxin from <i>Aeromonas hydrophila</i> ," <i>Gene</i> 156:79-83, 1995.  |
|                | C27          | Ferguson <i>et al.</i> , "Hyperproduction, purification, and mechanism of action of the cytotoxic enterotoxin produced by <i>Aeromonas hydrophila</i> ," <i>Infect. Immun.</i> 65:4299-4308, 1997.  |
|                | C28          | Flotte <i>et al.</i> , "An improved system for packaging recombinant adeno-associated virus vectors capable of <i>in vivo</i> transduction," <i>Gene Therapy</i> , 2:29-37, 1995.   |
|                | C29          | Fuller and Haynes, "A qualitative progression in HIV type 1 glycoprotein 120-specific cytotoxic cellular and humoral immune responses in mice receiving a DNA-based glycoprotein 120 vaccine," <i>AIDS Res. Hum. Retroviruses</i> , 11:1433-1441, 1994.     |
|                | C30          | Gallichan and Rosenthal, "Long-lived cytotoxic T lymphocyte memory in mucosal tissues after mucosal but not systemic immunization," <i>J. Exp. Med.</i> 181:1879-1890, 1996.  |
|                | C31          | Gao <i>et al.</i> , "Priming of influenza virus-specific cytotoxic T lymphocytes <i>vivo</i> by short synthetic peptides," <i>J. Immun.</i> , 147(10):3268-3273.  |

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| <b>Exam.<br/>Init.</b> | <b>Ref.<br/>Des.</b> | <b>Citation</b>  |
|------------------------|----------------------|--|
| JS                     | C32                  | Gorse <i>et al.</i> , "Recombinant gp160 vaccination schedule and MHC HLA type as factors influencing cellular responses to HIV-1 envelope glycoprotein," <i>Vaccine</i> , 13(13):1170-1179, 1995.   |
|                        | C33                  | Goulder <i>et al.</i> , "Novel, cross-restricted, conserved and immunodominant cytotoxic T lymphocyte epitopes in slow progressors in HIV type I infection," <i>AIDS Res. Hum. Retroviruses</i> , 12(18):1691-1698, 1996.  |
|                        | C34                  | Gussow <i>et al.</i> , "Isolation, expression and the primary structure of <i>HLA-Cw1</i> and <i>HLA-Cw2</i> genes: evolutionary aspects," <i>Immunogenetics</i> , 25:313-322, 1987.   |
|                        | C35                  | Imaoka <i>et al.</i> , "Nasal immunization of nonhuman primates with simian immunodeficiency virus p55 <sup>gp8</sup> and cholera toxin adjuvant induces Th1/Th2 help for virus specific immune responses in reproductive tissues," <i>J. Immunol.</i> , 161:5952-5958, 1998.  |
|                        | C36                  | Ishioka <i>et al.</i> , "Utilization of MHC class I transgenic mice for development of minigene DNA vaccines encoding multiple HLA-restricted CTL epitopes," <i>J. Immunol.</i> , 162:3915-3925, 1999.   |
|                        | C37                  | Jassoy <i>et al.</i> , "Detection of a vigorous HIV-1-specific cytotoxic T lymphocyte response in cerebrospinal fluid from infected persons with AIDS dementia complex," <i>J. Immunol.</i> , 149:3113-3119, 1992.   |
|                        | C38                  | Johnson <i>et al.</i> , "Identification of overlapping HLA class I-restricted cytotoxic epitopes in a conserved region of the human immunodeficiency virus type 1 envelope glycoprotein: definition of minimum epitopes and analysis of the effects of sequence variation," <i>J. Exp. Med.</i> , 175:961-971, 1992. |
|                        | C39                  | Johnson <i>et al.</i> , "Recognition of a highly conserved region of human immunodeficiency virus type 1 gp120 by an HLA-Cw4-restricted cytotoxic T-lymphocyte clone," <i>J. Virol.</i> , 67(1):438-445, 1993.   |
|                        | C40                  | Kast <i>et al.</i> , "Protection against lethal Sendai virus infection by <i>in vivo</i> priming of virus-specific cytotoxic T lymphocytes with a free synthetic peptide," <i>Proc. Nat'l Acad. Sci. USA</i> , 88:2283, 1991.  |
|                        | C41                  | Keusch <i>et al.</i> , "Classification of enterotoxins on the basis of activity in cell culture," <i>J. Infect. Dis.</i> 131(1):58-63, 1973.   |

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

| Exam.<br>Init. | Ref.<br>Des. | Citation  |
|----------------|--------------|---|
| JS             | C42          | Klein <i>et al.</i> , "Kinetics of gag-specific cytotoxic T-lymphocyte responses during the clinical course of HIV-1 infection: a longitudinal analysis of rapid progressors and long-term asymptomatics," <i>J. Exp. Med.</i> , 181:1365-1372, 1995. |
|                | C43          | Koup <i>et al.</i> , "Temporal association of cellular immune responses with the initial control of viremia in primary human immunodeficiency virus type 1 syndrome," <i>J. Virol.</i> , 68:4650-4655, 1994.  |
|                | C44          | Levy, "Pathogenesis of HIV infection," <i>Microbiol. Rev.</i> , 57:185-253, 1993.   |
|                | C45          | Littaua <i>et al.</i> , "An HLA-C-restricted CD8+ cytotoxic T-Lymphocyte clone recognizes a highly conserved epitope on human immunodeficiency virus type 1 gag," <i>J. Virol.</i> , 65:4051-4056, 1991.  |
|                | C46          | Lu <i>et al.</i> , "Use of DNAs expressing HIV-1 Env and noninfectious HIV-1 particles to raise antibody responses in mice," <i>Virology</i> , 209:147-154, 1995.   |
|                | C47          | Merino <i>et al.</i> , "Emerging Pathogens: <i>Aeromonas</i> spp.," <i>Int'l. J. Food. Microbiol.</i> 28:157-168, 1995.   |
|                | C48          | Modrow <i>et al.</i> , "Computer-assisted analysis of envelope protein sequences of seven human immunodeficiency virus isolates: prediction of antigenic epitopes in conserved and variable regions," <i>J. Virol.</i> 61:570-578, 1987.              |
|                | C49          | Mortara <i>et al.</i> , "Type 1 CD4 <sup>+</sup> T-cell help is required for induction of antipeptide multispecific cytotoxic T lymphocytes by a lipopeptidic vaccine in rhesus macaques," <i>J. Virol.</i> 73:4447-4451, 1999.                       |
|                | C50          | Musey <i>et al.</i> , "Cytotoxic-T-cell responses, viral load, and disease progression in early human immunodeficiency virus type 1 infection," <i>New Engl. J. Med.</i> , 337(18):1267-1274, 1997.   |
|                | C51          | Muzyczka, "Use of adeno-associated virus as a general transduction vector for mammalian cells," <i>Curr. Top. Microbiol. Immunol.</i> , 158:97-129, 1992.   |
|                | C52          | Nebete <i>et al.</i> , "A synthetic peptide from the first conserved region in the envelope protein gp160 is a strong T-cell epitope in HIV-infected chimpanzees and humans," <i>Vir. Immunol.</i> , 11(3):147-158, 1998.                             |

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| EXAMINER: /Jeffrey Stucker/ | DATE CONSIDERED: 06/15/2006 |
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**INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)**

NOV 28 2003

Form PTO-1449 (modified)



Atty. Docket No.  
UTXC:561USC1      Serial No.  
10/673,671

**List of Patents and Publications for Applicant's****INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

|   |  |                                       |
|---|--|---------------------------------------|
| <b>U.S. Patent Documents</b><br><i>See Page 1</i> | <b>Foreign Patent Documents</b><br><i>See Page 2</i> | <b>Other Art</b><br><i>See Page 2</i> |
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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

| <b>Exam.<br/>Init.</b> | <b>Ref.<br/>Des.</b> | <b>Citation</b>  |
|------------------------|----------------------|--|
| JS                     | C53                  | Nehete <i>et al.</i> , "Cross-reactive T-cell proliferative responses to V3 peptides corresponding to different geographical HIV-1 isolates in HIV-seropositive individuals," <i>J. Clin. Immunol.</i> , 16(2):115-124, 1996.  |
|                        | C54                  | Nehete <i>et al.</i> , "Induction of human immunodeficiency virus-specific T cell responses in rhesus monkeys by synthetic peptides from gp160," <i>AIDS Res. Hum. Retroviruses</i> , 9:235-240, 1993.   |
|                        | C55                  | Nehete <i>et al.</i> , "Presence of HLA-C-restricted cytotoxic T-lymphocyte responses in long-term nonprogressors infected with human immunodeficiency virus," <i>Vir. Immunol.</i> , 11(3):119-129, 1998.   |
|                        | C56                  | Nehete <i>et al.</i> , "Studies on <i>in vivo</i> induction of HIV-1 envelope-specific cytotoxic T lymphocytes by synthetic peptides from V3 loop region of HIV-1 IIIB gp120," <i>Cell. Immunol.</i> , 160:217, 1995.  |
|                        | C57                  | Nehete <i>et al.</i> , "Studies on V3-specific cross-reactive T-cell responses in chimpanzees chronically infected with HIV-1 <sub>IIIB</sub> ," <i>AIDS</i> 9:567-572, 1995.  |
|                        | C58                  | Nehete <i>et al.</i> , "Use of helper T cell-inducing peptides from conserved regions in HIV-1 <i>env</i> in a noncovalent mixture with a CTL-inducing V3-loop peptide for <i>in vivo</i> induction of long-lasting systemic CTL response," <i>Vir. Immunol.</i> , 7(4):189-197, 1994. |
|                        | C59                  | Pantaleo <i>et al.</i> , "Major expansion of CD8 <sup>+</sup> T cells with a predominant V $\beta$ usage during the primary immune response to HIV," <i>Nature</i> , 370:463-467, 1994.  |
|                        | C60                  | Peterson <i>et al.</i> , "Cholera toxin B subunit activates arachidonic acid metabolism," <i>Infect. Immunol.</i> 67:794-799, 1999.  |
|                        | C61                  | Picard <i>et al.</i> , "A 2-year follow-up of an anti-HIV immune reaction in HIV-1 gp160-immunized healthy seronegative humans: evidence for persistent cell-mediated immunity," <i>J. Acquired Immune Defic. Syndr.</i> , 5:539-546., 1992.   |
|                        | C62                  | Pontesilli <i>et al.</i> , "HIV-specific lymphoproliferative responses in asymptomatic HIV-infected individuals," <i>Clin. Exp. Immunol.</i> , 100:419-424, 1995.  |
|                        | C63                  | Porgador <i>et al.</i> , "Intranasal immunization with CTL epitope peptides from HIV-1 or ovalbumin and the mucosal adjuvant cholera toxin induces peptide-specific CTLs and protection against tumor development <i>in vivo</i> ," <i>J. Immunol.</i> 158:834-841, 1997.              |

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**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

| Exam. Init. | Ref. Des. | Citation   |
|-------------|-----------|--|
| JS          | C64       | Roos <i>et al.</i> , "T cell function in vitro is an independent progression marker for AIDS in human immunodeficiency virus-infected asymptomatic subjects," <i>J. Infect. Dis.</i> , 171:531-536, 1995.  |
|             | C65       | Rosenberg <i>et al.</i> , <i>Science</i> , "Vigorous HIV-1-specific CD4 <sup>+</sup> T cell responses associated with control of viremia," 278:1447-1450, 1997.  |
|             | C66       | Rowland-Jones <i>et al.</i> , "HIV-specific cytotoxic T-cell activity in an HIV-exposed but uninfected infant," <i>Lancet</i> , 341:860-861, 1993.   |
|             | C67       | Rowland-Jones <i>et al.</i> , "HIV-specific cytotoxic T-cells in HIV-exposed but uninfected Gambian women," <i>Nature Med.</i> , 1:59-64, 1995.  |
|             | C68       | Sarkar <i>et al.</i> , "Studies on <i>in vivo</i> induction of cytotoxic T lymphocyte responses by synthetic peptides from E6 and E7 oncoproteins of human papillomavirus type 16," <i>Viral Imm.</i> , 8:165-174, 1995.   |
|             | C69       | Sastry and Arlinghaus, "Identification of T-cell epitopes without B-cell activity in the first and second conserved regions of the HIV Env protein," <i>AIDS</i> , 5:699-707, 1991.  |
|             | C70       | Sastry <i>et al.</i> , "Rapid <i>in vivo</i> induction of HIV-specific CD8 <sup>+</sup> cytotoxic T lymphocytes by a 15-amino acid unmodified free peptide from the immunodominant V3-loop of GP120," <i>Virology</i> , 188:502-509, 1992.   |
|             | C71       | Schendel <i>et al.</i> , "Cytotoxic T lymphocytes show HLA-C-restricted recognition of EBV-bearing cells and allorecognition of HLA class I molecules presenting self-peptides," <i>J. Immunol.</i> , 149:2406-2416, 1992.   |
|             | C72       | Schrier <i>et al.</i> , "T cell recognition of HIV synthetic peptides in a natural infection," <i>J. Immunol.</i> , 142:1166-1176.   |
|             | C73       | Sedegah <i>et al.</i> , "Protection against malaria by immunization with plasmid DNA encoding circumsporozoite protein," <i>Immunology</i> , 91:9866-9870, 1994.   |
|             | C74       | Takahashi <i>et al.</i> , Specific lysis of human immunodeficiency virus type 1-infected cells by a HLC-A3.1-restricted CD8 <sup>+</sup> cytotoxic T-lymphocyte clone that recognizes a conserved peptide sequence within the gp41 subunit of the envelope protein," <i>Proc. Natl. Acad. Sci. USA</i> , 88:10277-10281, 1991. |

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| Form PTO-1449 (modified)  |  | Atty. Docket No.<br>UTXC:561USC1                | Serial No.<br>10/673,671                                  |
| List of Patents and Publications for Applicant's<br>INFORMATION DISCLOSURE STATEMENT<br>(Use several sheets if necessary) |  | Applicant<br>K. Jagannadha Sastry <i>et al.</i> |   |
| U.S. Patent Documents<br><i>See Page 1</i>  |  | Foreign Patent Documents<br><i>See Page 2</i>   | Filing Date:<br>September 29, 2003      Group:<br>Unknown |

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam.<br>Init. | Ref.<br>Des. | Citation   |
|----------------|--------------|--|
| JS             | C75          | Ulmer <i>et al.</i> , "Heterologous protection against influenza by injection of DNA encoding a viral protein," <i>Science</i> , 259:1745-1749, 1993.  |
|                | C76          | Unanue & Cerottini, "Antigen presentation," <i>FASEB J.</i> 3:2496-2502, 1989.   |
|                | C77          | van den Eynde <i>et al.</i> , "A new family of genes coding for an antigen recognized by autologous cytolytic T lymphocytes on a human melanoma," <i>J. Exp. Med.</i> , 182:689-698, 1995.   |
|                | C78          | Wang <i>et al.</i> , "Simultaneous induction of multiple antigen-specific cytotoxic T lymphocytes in nonhuman primates by immunization with a mixture of four <i>plasmodium falciparum</i> DNA plasmids," <i>Infect. Immun.</i> , 66(9):4193-4202, 1998. |
|                | C79          | Xiang <i>et al.</i> , "Vaccination with a plasmid vector carrying the rabies virus glycoprotein gene induces protective immunity against rabies virus," <i>Virology</i> , 199:132-140, 1994.   |
|                | C80          | Xu <i>et al.</i> , "Role of a cytotoxic enterotoxin in <i>Aeromonas</i> -mediated infections: development of transposon and isogenic mutants," <i>Infect. Immun.</i> 66:3501-3509, 1998.   |
|                | C81          | Yamada <i>et al.</i> , "Incidence and clinical symptoms of <i>Aeromonas</i> -associated travellers' diarrhoea in Tokyo," <i>Epidemiol. &amp; Infect.</i> 119:121-126, 1997.  |
|                | C82          | Yasutomi <i>et al.</i> , "Simian immunodeficiency virus-specific cytotoxic T-lymphocyte induction through DNA vaccination of rhesus monkeys," <i>J. Virol.</i> , 70:678-681, 1996.   |
|                | C83          | Yokoyama <i>et al.</i> , "DNA immunization confers protection against lethal lymphocytic choriomeningitis virus infection," <i>J. Virol.</i> , 69(4):2684-2688, 1995.  |
|                | C84          | Zemmour and Parham, "HLA class I nucleotide sequences, 1992," <i>Immunogenetics</i> , 37:239-250, 1993.  |

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